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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/712,078	
(use as many sheets as necessary)		Filing Date	November 13, 2003	
		First Named Inventor	Litvak, et al.	
		Art Unit	3764	
		Examiner Name		
Sheet	1	of	2	
			Attorney Docket Number	AB-354U

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
J.T.	A1	US-3,751,605	08-07-1973	Michelson	
	A2	US-4,400,590	08-23-1983	Michelson	
	A3	US-4,495,384	01-22-1985	Scott, et al.	
	A4	US-4,819,647	04-11-1999	Byers, et al.	
	A5	US-5,603,726	02-18-1997	Schulman, et al.	
	A6	US-5,626,629	05-08-1997	Falrys, et al.	
	A7	US-5,938,691	08-17-1999	Schulman, et al.	
	A8	US-8,052,624	04-18-2000	Mann	
	A9	US-8,067,474	05-23-2000	Schulman, et al.	
	A10	US-8,078,838	06-20-2000	Rubinstein	
	A11	US-8,129,753	10-10-2000	Kuzma	
	A12	US-8,157,861	12-05-2000	Falrys, et al.	
	A13	US-8,195,585-B1	02-27-2001	Karunasiri, et al.	
	A14	US-8,205,360-B1	03-20-2001	Carter, et al.	
	A15	US-8,208,882-B1	03-27-2001	Lenarz, et al.	
	A16	US-8,219,580-B1	04-17-2001	Falrys, et al.	
	A17	US-8,249,704-B1	06-19-2001	Maltan, et al.	
	A18	US-8,289,247-B1	09-11-2001	Falrys, et al.	
	A19	US-8,295,467-B1	09-25-2001	Kollmeier, et al.	
	A20	US-8,415,185-B1	07-02-2002	Maltan	
J.T.	A21	US-8,393,325-B1	05-21-2002	Mann, et al.	

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>2</sup>	-Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
J.T.	A22	WO-00	01200-A1	01-06-2000	Smith	
J.T.	A23	WO 02	09808-A1	02-07-2002	Meadows, et al.	
J.T.	A24	WO-03	015863-A2	02-27-2003	Overstreet	

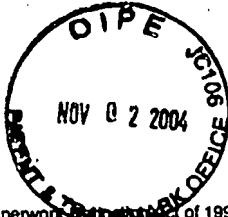
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Sheet	2	of	2	Attorney Docket Number	AB-354U
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**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/J.T./	A25	HARNSBERGER, et al., "Perceptual "vowel spaces" of Cochlear Implant Users: Implications for the Study of Auditory Adaptation to Spectral Shift", J Acoust Soc Am, Vol 109(5) pt. 1, (May 2001), pages 2135-2145.	
/J.T./	A26	McDERMOTT, et al., "Pitch Ranking with Nonsimultaneous Dual-Electrode Electrical Stimulation of the Cochlea", J Acoust Soc Am, Vol. 96(1), (1994) pages 155-162.	
/J.T./	A27	MORSE, et al., "The practical Use of Noise to Improve Speech Coding by Analogue Cochlear Implants", Chaos, Solutions and Fractals, Vol. 11, no. 12, (2000) pages 1885-1894.	
/J.T./	A28	RUBINSTEIN et al., "The Neurophysiological Effects of Simulated Auditory Prostheses Simulation" Second Quarterly Progress Report NO1-DC-6-2111.	
/J.T./	A29	SCHEIRER, et al., "Construction and Evaluation of Robust Multifeature Speech/Music Discriminator", Acoustics, Speech, and Signal Processing (1997), IEEE International Conference on Munich, Germany (21-24 April 1997), pages 1331-1334.	
/J.T./	A30	SMITH, et al., "Chimaeric Sounds, Reveal Dichotomies in Auditory Perception", Nature, VOL. 416, no. 6876, (7 March 2002), pages 87-90.	
/J.T./	A31	van WIERINGEN, et al., "Comparison of Procedures to Determine Electrical Stimulation Thresholds in Cochlear Implant Users", Ear and Hearing, Vol. 22(6), (2001), pages 528-538.	
/J.T./	A32	ZENG, et al., "Loudness of Simple and Complex Stimuli in Electric Hearing", Annals of Otology, Rhinology & Laryngology, Vol. 104 (9), (1995) pages 235-238.	
/J.T./	A33	ZHANG, et al., "Loudness of Dynamic Stimuli in Acoustic and Electric Hearing", J Acoust Soc Am, Vol. 102(5) Pt. 1, (Nov. 1997), pages 2925 - 2934.	
<b>OTHER PRIOR ART - RELATED APPLICATIONS</b>			
/J.T./	A34	OVERSTREET, LITVAK, and FALTYS inventors for AB-378U; U.S. Patent Application Serial No. 10/698,097; filed October 31, 2003; entitled "Multi-Electrode Stimulation to Elicit Electrically-Evoked Compound Action Potential."	
/J.T./	A35	LITVAK, inventor for AB-396U; U.S. Patent Application Serial No. 10/819,609; filed April 07, 2004; entitled "Method of Using Non-Simultaneous Stimulation to Represent the Within-Channel Fine Structure."	

Examiner Signature	/Jonathan Thomas/	Date Considered	07/03/2007
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<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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